

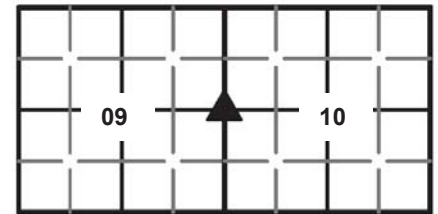
MONUMENT RECORD

Corner ID: **Per_M07**

Quarter Corner

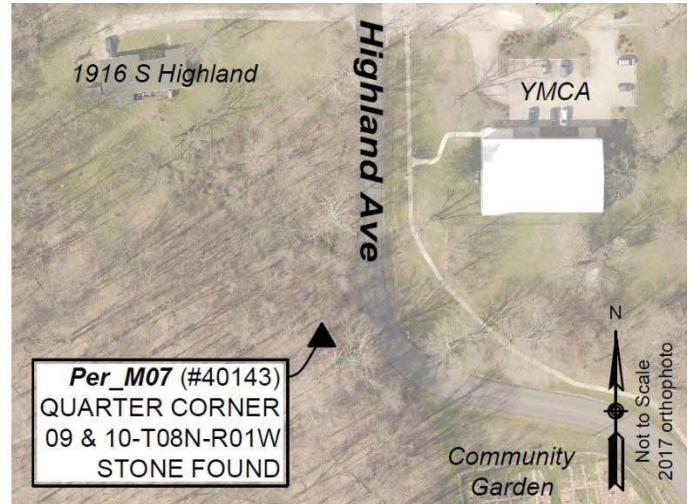
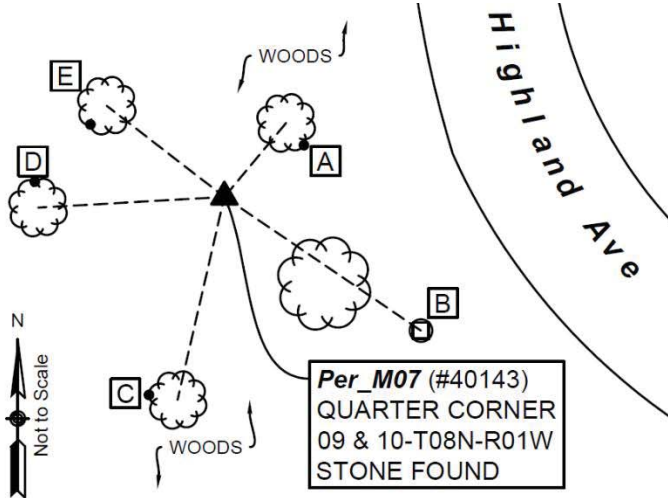
Sections 09 & 10- T08N-R01W, 2nd P.M.

Perry Township, Monroe County, Indiana



MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)
0.4' x 0.5' stone with no markings found 0.1' above grade, 0.45' west of a t-post with Monroe County sign.

MONUMENT LOCATION SKETCH:



WITNESS MONUMENT TIES: Describe at least three new BT's and/or witness objects established or work done to preserve existing evidence. All ties to new Bearing Trees (BTs) are a mag nail set in a 1-1/2" plastic washer stamped "SURVEY MARKER - DO NOT REMOVE" and hack mark at the root crown (less than 12" above ground) perpendicular to the center of the tree, unless otherwise noted. BT diameters are noted as dbh and are measured approximately 4.5' above ground. Bearings are measured from the monument to the center of the BT, distances are measured from the monument to the mag nail. Distances to witness ties were measured with a Leica Disto laser distance meter. Bearings were collected with the internal magnetic compass of the Javad Triumph LS and were automatically adjusted to grid north.

ID	Bearing	Distance	Description
A	N 40° E	17.0'	Mag nail and washer set 0.6' above grade in hack on the southeast side of an 8" tight-bark hickory
B	S 56° E	42.0'	North post of ➡ sign
C	S 13° W	36.8'	Mag nail and washer set 1.8' above grade in hack on the west side of a 31" beech. The old tie was a nail in the northeast face of the tree, but the line of sight to the monument is obstructed.
D	S 87° W	33.0'	Mag nail and washer set 0.6' above grade in the northwest side of a 23.5" ash
E	N 52° W	26.3'	Mag nail and washer set 1.4' above grade in hack on the south side of a 19" black cherry with east/west fence remains

PHOTO IDENTIFIED: Photo Date: 06/25/2018



Photo Orientation & Description: Looking west at Per_M07 with trunk of 45" ash tree visible in the background



Photo Orientation & Description: Looking east at Per_M07



OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph

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MONUMENT RECORD

Corner ID: **Per_M07**

Quarter Corner

Sections 09 & 10- T08N-R01W, 2nd P.M.
Perry Township, Monroe County, Indiana

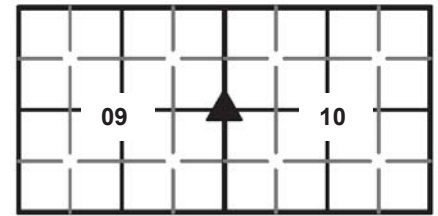


Photo Orientation & Description: Close-up of Per_M07



Photo Orientation & Description: Per_M07 (below cut limestones)

EXISTING SURVEY HISTORY *Include as much detail and history of the corner as known at the time of perpetuation*

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 By: Arthur Henrie

Where filed or recorded: MCSO GLO Book page 53

Original monument: Wood Post 1/4 section post

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	8"	S 48° W	10 lks
Sugar	8"	N 9° E	15 lks

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 2/15/1839 By: James Spencer, MCS

Where filed or recorded: MCSO LSB 1, pg 55

Original monument: Stone standing

Bearing Trees or Reference Monuments:

Species	Dia.	Bearing	Distance
Beech	8"	S 48° W	15 lks
Sugar	16"	N 57.5° W	33.5 lks

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 3/31/1846 By: James Spencer, MCS

Where filed or recorded: MCSO LSB 1, pg 85

Original monument: Found stone

Bearing Trees or Reference Monuments: No witnesses

SUBSEQUENT CORNER RESTORATION:

Date Surveyed: 11/5/1856 By: James Spencer, MCS

Where filed or recorded: MCSO LSB 1, pg 309

Original monument: Corner is depicted on sketch, but is not mentioned in the survey.

OTHER SURVEY HISTORY: *Include details such as surveyor name, date, recording info, monument description, etc.*

Date	RSID	Surveyor	Description	Source	Cabinet/Book	Pg	InstNo
2/15/1839	003017	Spencer, James	Legal Survey in Section 9	Surveyor's Office	MCSO Survey Book 1	55	
3/31/1846	003020	Spencer, James	Legal Survey in Section 10	Surveyor's Office	MCSO Survey Book 1	085	
11/5/1856	003019	Spencer, James	Legal Survey in 9 & 10	Surveyor's Office	MCSO Survey Book 1	309	
11/1/1870	003018	Buskirk, M.	Legal Survey in Section 9 Two witnesses noted	Surveyor's Office	MCSO Survey Book 2	159	
12/7/2004	000889	Bledsoe, Ben E.	Winslow Woods Park Boundary Line Stake for Bloomington Parks Dept.	Recorder's Office	Survey Cabinet S	259	2005002744.IN
9/5/2012	002830	Curry, Douglas R.	Marion Sinclair & Janet Greenblatt	Recorder's Office	Survey Cabinet S2	61	2012014862.IN
10/8/2018	002561	Graham, Charles D	Bloomington Co-op Subd. Final Plat	Recorder's Office	Filed digitally in the Recorder's Office		2019005346.IN
12/7/2018	002044	Healy, Matthew R.	Location Control Route Survey Line "R"	Recorder's Office	Filed digitally in the Recorder's Office		2018016709.IN



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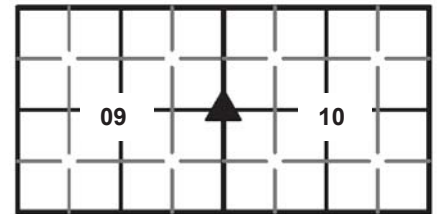
Page 2 of 3

MONUMENT RECORD

Corner ID: **Per_M07**

Quarter Corner

Sections 09 & 10- T08N-R01W, 2nd P.M.
Perry Township, Monroe County, Indiana



12/26/2018	002054	Allen, Corey D.	Location Route Control Survey for Jackson Creek Trail Project	Recorder's Office	Filed digitally in the Recorder's Office	2018017170.IN
1/7/2019	002168	Healy, Matthew R.	Location Control Route survey Line "B"	Recorder's Office	Filed digitally in the Recorder's Office	2019000846.IN

The stone was witnessed by Monroe County Surveyor Edmund Farkas on March 15, 1983 and Kevin Enright on 10/13/2009. It was accepted by the Monroe County Surveyor Review Board on 9/13/2011. It was accepted by Doug Curry in 2012 (Inst.No.2012014862, Doug Graham in 2018 (Inst.No.2019005346), and Corey Allen in 2018 (Inst.No.2018017170.)

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND: *Include, search area or areas, search procedure, etc.*

Date of Field work/Search: 03/22/2018, 06/25/2018, and 8/22/2019 *By:* R.Oser, E.Smithram, C.Raley *Monument Found:* Concrete monument *BTs or Reference Objects Found:* Most of the ties from the 2009 Monument Record were disturbed. When we visited the corner in March, a 45" ash tree had recently fallen next to it, destroying some of the witnesses and obstructing the monument with large branches. We asked the City arborist to clean it up so we could access the monument. We returned to take new witnesses when the cleanup was complete. *Project #:* T08NR01W-09-10 *Field Book:* 51/50, 52/13, 53/61

OTHER EVIDENCE: *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

The stone is approximately 44' west of the west edge of pavement of Highland Avenue, next to the trunk of a fallen 45" ash. We dug up the top 8" of the monument and it remained firmly planted, but we did not find any markings. We tested the stone with hydrochloric acid and it did not react, so we classified it as sandstone.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

There is a steel t-post 0.45' west of the monument with a Monroe County "PROTECT NEARBY SURVEY MARKER" sign attached 3.6' above grade. We found an iron pipe and several long pieces of cut limestone on the ground in the area around the stone. We placed the iron pipe horizontal in the hole on the west side of the stone and we placed the cut limestone around and on top of the stone to protect it.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.*

We accepted the stone per the 1839 legal survey with no associated uncertainty.

GEODETIC COORDINATES: *Northing: 1419127.5', Easting: 3113218.3'*

BASIS OF GEODETIC COORDINATES: The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83_NO_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Distances obtained with GPS have not been adjusted to ground. Coordinate data was collected with a Javad Triumph LS Network Rover and a Sokkia Set 510 Total Station. This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 10-T8N-R1W by Rachel Oser of the Monroe County Surveyor's Office dated 09/16/2019 and recorded as Instrument Number 2019013499 in the office of the Monroe County Recorder.

CERTIFICATION



Rachel Oser, State of Indiana
PS No.21100022 – 09/16/2019



Trohn Enright-Randolph
County Surveyor – 09/12/2019



Accepted by the Monroe County Surveyor
Review Board on September 10, 2019



MONUMENT RECORD
State of Indiana - County of Monroe

Section: 09

Township: 8 North

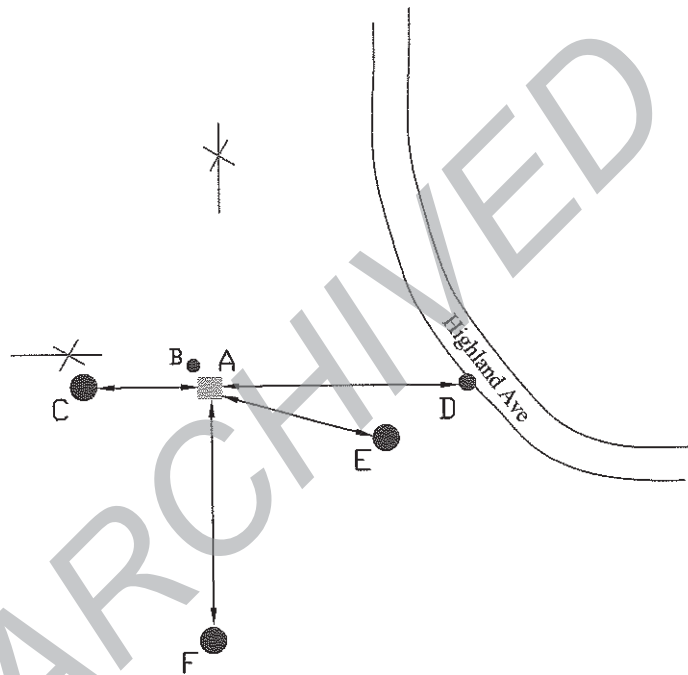
Range: 1 West

Corner ID: Per M-07

Monument Description & Remarks: Limestone 0.4'x0.4'x0.2'. Survey Sign 4ft above ground at pt. B

References On File: Edmund O. Farkas recovery tie drawing, Monument Record Per M-07 (1983), on file in Surveyor Office

RECOVERY TIE DRAWING
Field Book 43 Page No. 17



- A - Limestone
- B - N 86° W 0.57' to Survey Sign on metal fence post
- C - N 86° W 17.63' to 1" Iron Pipe
- D - N 85° E 42.3' to Edge of pavement
- E - S 49° E 23.36' to MAG nail in 40" White Ash
- F - S 14° W 34.58' to MAG nail in 33" Beech Tree

Not To Scale
Compass Bearing Magnetic North

I, Kevin P. Enright, Monroe County Surveyor, hereby certify that this document was prepared under my direction in accordance with the provisions of section 36-2-12-11 of the Indiana Code; and the above data is given under my hand and seal this 13th day of October, 2009.

Administered by the Monroe County Surveyor Review Board

Date: 9-13-11



MONUMENT RECORD

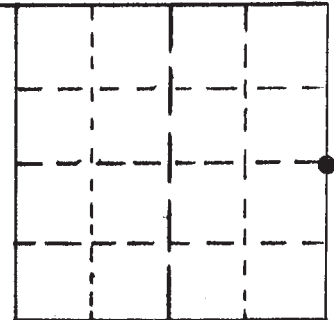
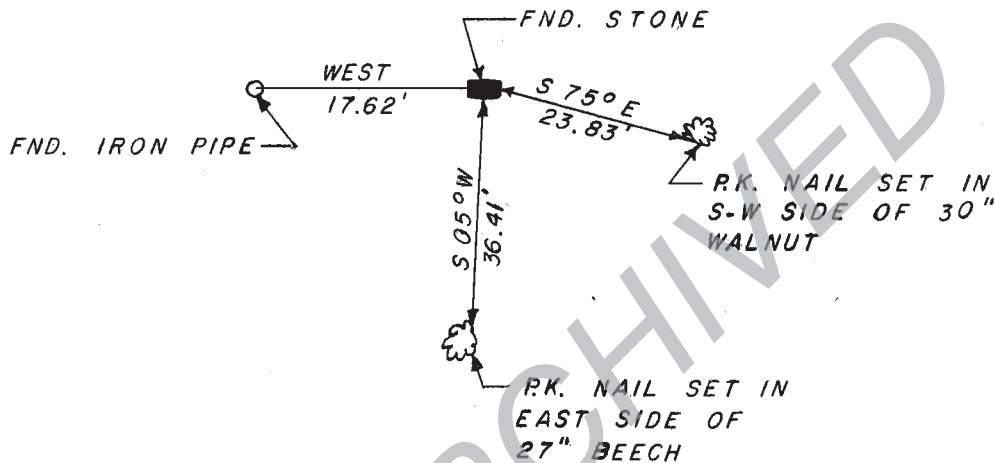
STATE OF INDIANA - COUNTY OF MONROE

SECTION 9, TOWNSHIP 8 NORTH, RANGE 1 WEST

MONUMENT DESCRIPTION & REMARKS

FOUND STONE (LIMESTONE) SOLID IN GROUND 0.40 FT. X 0.40 FT.
X 0.20 FT. HIGH.

RECOVERY TIE DRAWING



(●) AT CORNER



NOT TO SCALE

STATE OF INDIANA
COUNTY OF MONROE

I, EDMUND O. FARKAS HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED UNDER MY DIRECTION IN ACCORDANCE WITH THE PROVISIONS OF SECTION 17-3-64-4 - 17-3-64-8 OF THE INDIANA CODE, BEING ACTS OF 1965, CHAPTER 319; AND THE ABOVE DATA IS GIVEN UNDER MY HAND AND SEAL THIS 15 TH. DAY OF MARCH, 1983 A.D.

SPACE
RESERVED
FOR
RECORDING
OFFICER.

INDIANA REGISTERED LAND SURVEYOR NO. _____

OR _____

UNITED STATES GOVERNMENT AGENCY

TITLE _____

TOWNSHIP:
PERRY

CORNER I.D.

M - 7